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Cost is in DialUnits

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31aug08 09:39:08 User208760 Session D2970.1
\$0.52 0.143 DialUnits File1
\$0.52 Estimated cost File1
\$0.52 Estimated cost this search
\$0.52 Estimated total session cost 0.143 DialUnits

File 410:Dialog Comm.-of-Interest Newsletters 2008 /Mar
(c) 2008 Dialog

Set Items Description

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? set hi ;set hi

HIGHLIGHT set on as ''

HIGHLIGHT set on as ''

? begin 5,73,155,399

31aug08 09:39:13 User208760 Session D2970.2
\$0.00 0.115 DialUnits File410
\$0.00 Estimated cost File410
\$0.02 TELNET
\$0.02 Estimated cost this search
\$0.54 Estimated total session cost 0.259 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1926-2008/Aug W4

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File 73:EMBASE 1974-2008/Aug 28

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File 155:MEDLINE(R) 1950-2008/Aug 28

(c) format only 2008 Dialog

File 399:CA SEARCH(R) 1967-2008/UD=14909

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*File 399: Use is subject to the terms of your user/customer agreement.

IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

Set Items Description

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? e au=lin rong ?

Ref	Items	Index-term
E1	1	AU=LIN RON-HWA
E2	53	AU=LIN RONG
E3	0	*AU=LIN RONG ?
E4	2	AU=LIN RONG DIH
E5	3	AU=LIN RONG ER
E6	1	AU=LIN RONG GEN
E7	1	AU=LIN RONG TSUNG
E8	3	AU=LIN RONG TUAN
E9	1	AU=LIN RONG-AN
E10	4	AU=LIN RONG-CHENG
E11	3	AU=LIN RONG-CHIEN
E12	16	AU=LIN RONG-DIH

Enter P or PAGE for more

? p

Ref	Items	Index-term
E13	5	AU=LIN RONG-FONG
E14	4	AU=LIN RONG-GEN

E15 1 AU=LIN RONG-GEN LIU XIN-WEI
 E16 8 AU=LIN RONG-HUA
 E17 1 AU=LIN RONG-HUI
 E18 35 AU=LIN RONG-HWA
 E19 1 AU=LIN RONG-JING
 E20 2 AU=LIN RONG-JUN
 E21 20 AU=LIN RONG-JYH
 E22 1 AU=LIN RONG-KAI
 E23 5 AU=LIN RONG-LUH
 E24 1 AU=LIN RONG-PYO

Enter P or PAGE for more

? s e1,e18

1 AU=LIN RON-HWA
 35 AU=LIN RONG-HWA

S1 36 E1,E18

? s s1 and (psgl?)

36 S1
 2286 PSGL?

S2 4 S1 AND (PSGL?)

? rd s2

S3 2 RD S2 (unique items)

? t s3/3/all

3/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2008 The Thomson Corporation. All rts. reserv.

18526114 BIOSIS NO.: 200510220614

A novel apoptosis-inducing anti-PSGL-1 antibody for T cell-mediated diseases

AUTHOR: Huang Chiu-Chen; Lu Yi-Fen; Wen Shi-Ni; Hsieh Wen-Chuan; Lin Yu-Chin; Liu Meng-Ru; Chiang Evelyn; Chang Chung-Nan; Lin Rong-Hwa (Reprint)

AUTHOR ADDRESS: AbGenom Co, 2F 32 Lane 358, Juikuang Rd, Taipei, Taiwan** Taiwan

AUTHOR E-MAIL ADDRESS: rhlin@abgenomics.com

JOURNAL: European Journal of Immunology 35 (7): p2239-2249 JUL 2005 2005

ISSN: 0014-2980

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

3/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2008 The Thomson Corporation. All rts. reserv.

18144876 BIOSIS NO.: 200500051941

Cross-linking of P-selectin glycoprotein ligand-1 induces death of activated T cells

AUTHOR: Chen Shu-Ching; Huang Chiu-Chen; Chien Chung-Liang; Jeng Chung-Jiuan; Su Ho-Ting; Chiang Evelyn; Liu Meng-Ru; Wu C H Herbert; Chang Chung-Nan; Lin Rong-Hwa (Reprint)

AUTHOR ADDRESS: Abgenomics, 2F 32, Lane 358, Juikuang Rd, Taipei, 114, Taiwan **Taiwan

AUTHOR E-MAIL ADDRESS: rhlin@abgenomics.com

JOURNAL: Blood 104 (10): p3233-3242 November 15, 2004 2004

MEDIUM: print

ISSN: 0006-4971

DOCUMENT TYPE: Article

RECORD TYPE: Abstract
LANGUAGE: English
? t s3/7/all

3/7/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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18526114 BIOSIS NO.: 200510220614

A novel apoptosis-inducing anti-PSGL-1 antibody for T cell-mediated diseases

AUTHOR: Huang Chiu-Chen; Lu Yi-Fen; Wen Shi-Ni; Hsieh Wen-Chuan; Lin Yu-Chin; Liu Meng-Ru; Chiang Evelyn; Chang Chung-Nan; Lin Rong-Hwa (Reprint)

AUTHOR ADDRESS: AbGenom Co, 2F 32 Lane 358, Juikuang Rd, Taipei, Taiwan** Taiwan

AUTHOR E-MAIL ADDRESS: rhlin@abgenomics.com

JOURNAL: European Journal of Immunology 35 (7): p2239-2249 JUL 2005 2005

ISSN: 0014-2980

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: We previously discovered a hamster monoclonal antibody, TAB4, against mouse PSGL1/CD162 that can induce death of activated T cells. Here, we further investigated the potential of TAB4 in treating two murine models of T cell-mediated diseases. The results showed that administration of TAB4 suppressed incidence and severity of both GVHD and type I diabetes. Analyses of apoptotic T cells ex vivo shortly after antibody injection revealed a higher percentage of apoptosis among activated T cells in the TAB4-treated group than in the control group. Furthermore, restoration of functional donor T cells was observed in TAB4-treated mice. As TAB4 does not affect the binding of P-selectin to activated T cells, our data suggest that its long-lasting therapeutic effect on inhibiting disease progression is attained by specifically inducing apoptosis of activated T cells. These data hence extend our previous finding of the novel property of PSGL-1 and strongly indicate that the PSGL-1-specific apoptosis-inducing antibody is a new therapeutic agent possessing a great potential for controlling GVHD and other T cell-mediated autoimmune diseases.

3/7/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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18144876 BIOSIS NO.: 200500051941

Cross-linking of P-selectin glycoprotein ligand-1 induces death of activated T cells

AUTHOR: Chen Shu-Ching; Huang Chiu-Chen; Chien Chung-Liang; Jeng Chung-Jiuan; Su Ho-Ting; Chiang Evelyn; Liu Meng-Ru; Wu C H Herbert; Chang Chung-Nan; Lin Rong-Hwa (Reprint)

AUTHOR ADDRESS: Abgenomics, 2F 32, Lane 358, Juikuang Rd, Taipei, 114, Taiwan **Taiwan

AUTHOR E-MAIL ADDRESS: rhlin@abgenomics.com

JOURNAL: Blood 104 (10): p3233-3242 November 15, 2004 2004

MEDIUM: print

ISSN: 0006-4971

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Increasing evidence has shown that death signaling in T cells is regulated in a complicated way. Molecules other than death receptors can also trigger T-cell death. Here, we demonstrate for the first time that P-selectin glycoprotein ligand-1 (PSGL-1) or CD162 molecules crosslinked by an anti-PSGL-1 monoclonal antibody, TAB4, can trigger a death signal in activated T cells. In contrast to classic cell death, ***PSGL*** -1-mediated T-cell death is caspase independent. It involves translocation of apoptosis-inducing factor from mitochondria to nucleus and mitochondrial cytochrome c release. Ultrastructurally, both peripheral condensation of chromatin and apoptotic body were observed in ***PSGL*** -1-mediated T-cell death. Collectively, this study demonstrates a novel role for PSGL-1 in controlling activated T-cell death and, thus, advances our understanding of immune regulation. Copyright 2004 by The American Society of Hematology.

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? s tab4 and (psgl?)
      18 TAB4
      2286 PSGL?
S4      7 TAB4 AND (PSGL?)
? rd s4
      S5      2 RD S4 (unique items)
? t s5/3/all
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5/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2008 The Thomson Corporation. All rts. reserv.

18526114 BIOSIS NO.: 200510220614
A novel apoptosis-inducing anti-PSGL-1 antibody for T cell-mediated diseases
AUTHOR: Huang Chiu-Chen; Lu Yi-Fen; Wen Shi-Ni; Hsieh Wen-Chuan; Lin Yu-Chin; Liu Meng-Ru; Chiang Evelyn; Chang Chung-Nan; Lin Rong-Hwa (Reprint)
AUTHOR ADDRESS: AbGenom Co, 2F 32 Lane 358, Juikuang Rd, Taipei, Taiwan** Taiwan
AUTHOR E-MAIL ADDRESS: rhlin@abgenomics.com
JOURNAL: European Journal of Immunology 35 (7): p2239-2249 JUL 2005 2005
ISSN: 0014-2980
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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18144876 BIOSIS NO.: 200500051941
Cross-linking of P-selectin glycoprotein ligand-1 induces death of activated T cells
AUTHOR: Chen Shu-Ching; Huang Chiu-Chen; Chien Chung-Liang; Jeng Chung-Jiuan; Su Ho-Ting; Chiang Evelyn; Liu Meng-Ru; Wu C H Herbert; Chang Chung-Nan; Lin Rong-Hwa (Reprint)
AUTHOR ADDRESS: Abgenomics, 2F 32, Lane 358, Juikuang Rd, Taipei, 114, Taiwan **Taiwan
AUTHOR E-MAIL ADDRESS: rhlin@abgenomics.com
JOURNAL: Blood 104 (10): p3233-3242 November 15, 2004 2004
MEDIUM: print
ISSN: 0006-4971
DOCUMENT TYPE: Article
RECORD TYPE: Abstract

LANGUAGE: English

? s (psgl(w)1) (10n) (antibod? or immunoglobulin?) (20n) (apoptosis or apoptotic or cell(W)death)

Processing

Processing

2230 PSGL
13179222 1
2349308 ANTIBOD?
890013 IMMUNOGLOBULIN?
593077 APOPTOSIS
183496 APOPTOTIC
10913786 CELL
1034820 DEATH
255773 CELL(W)DEATH
S6 15 (PSGL(W)1) (10N) (ANTIBOD? OR
IMMUNOGLOBULIN?) (20N) (APOPTOSIS OR APOPTOTIC OR
CELL(W)DEATH)

? rd s6

S7 9 RD S6 (unique items)

? t s7/3/all

7/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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18526114 BIOSIS NO.: 200510220614

A novel apoptosis-inducing anti-PSGL-1 antibody for

T cell-mediated diseases

AUTHOR: Huang Chiu-Chen; Lu Yi-Fen; Wen Shi-Ni; Hsieh Wen-Chuan; Lin

Yu-Chin; Liu Meng-Ru; Chiang Evelyn; Chang Chung-Nan; Lin Rong-Hwa

(Reprint)

AUTHOR ADDRESS: AbGenom Co, 2F 32 Lane 358, Juikuang Rd, Taipei, Taiwan**

Taiwan

AUTHOR E-MAIL ADDRESS: rhlin@abgenomics.com

JOURNAL: European Journal of Immunology 35 (7): p2239-2249 JUL 2005 2005

ISSN: 0014-2980

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

7/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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18144876 BIOSIS NO.: 200500051941

Cross-linking of P-selectin glycoprotein ligand-1 induces death of

activated T cells

AUTHOR: Chen Shu-Ching; Huang Chiu-Chen; Chien Chung-Liang; Jeng

Chung-Jiuan; Su Ho-Ting; Chiang Evelyn; Liu Meng-Ru; Wu C H Herbert;

Chang Chung-Nan; Lin Rong-Hwa (Reprint)

AUTHOR ADDRESS: Abgenomics, 2F 32, Lane 358, Juikuang Rd, Taipei, 114, Taiwan

**Taiwan

AUTHOR E-MAIL ADDRESS: rhlin@abgenomics.com

JOURNAL: Blood 104 (10): p3233-3242 November 15, 2004 2004

MEDIUM: print

ISSN: 0006-4971

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

7/3/3 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

144086300 CA: 144(6)86300z JOURNAL
Molecular Characterization of Rat Leukocyte P-Selectin Glycoprotein
Ligand-1 and Effect of Its Blockade: Protection from Ischemia-Reperfusion
Injury in Liver Transplantation
AUTHOR(S): Tsuchihashi, Sei-ichiro; Fondevila, Constantino; Shaw, Gray D.
; Lorenz, Meike; Marquette, Kimberly; Benard, Susan; Shen, Xiu-Da; Ke, Bibo
; Busuttil, Ronald W.; Kupiec-Weglinski, Jerzy W.
LOCATION: Dumont-University of California Transplant Center, Division of
Liver and Pancreas Transplantation, Department of Surgery, David Geffen
School of Medicine, University of California, Los Angeles, CA, 90095, USA
JOURNAL: J. Immunol. (Journal of Immunology) DATE: 2005 VOLUME: 176
NUMBER: 1 PAGES: 616-624 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE:
English MEETING DATE: 20060000 PUBLISHER: American Association of
Immunologists

7/3/4 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

143476399 CA: 143(26)476399c PATENT
Anti-human PSGL-1 antibodies for modulating T cell-mediated immune
response and treating inflammation, autoimmune disease, allergy,
transplant rejection and T cell cancer
INVENTOR(AUTHOR): Lin, Rong-Hwa; Chang, Chung Nan; Chen, Pei-Jiun; Huang,
Chiu-Chen
LOCATION: Taiwan,
ASSIGNEE: Abgenomics Corporation
PATENT: PCT International ; WO 2005110475 A2 DATE: 20051124
APPLICATION: WO 2005US16357 (20050510) *US 2004PV569892 (20040510)
PAGES: 33 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: A61K-039/395A; C07K-016/28B; C12N-015/13B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR;
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG;
PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ;
UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE
; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU;
TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS;
IT; LT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA;
GN; GQ; GW; ML; MR; NE; SN; TD; TG

7/3/5 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

143131837 CA: 143(8)131837x PATENT
Antibodies to P-selectin glycoprotein ligand-1
INVENTOR(AUTHOR): Levanon, Avigdor; Vogel, Tikva; Plaksin, Daniel;
Peretz, Tuvia; Amit, Boaz; Cooperman, Lena; Hagay, Yocheved; Szanton,
Esther; Kanfi, Yariv; Ben-levy, Rachel; Szrajber, Tali
LOCATION: Israel
PATENT: U.S. Pat. Appl. Publ. ; US 20050152906 A1 DATE: 20050714

APPLICATION: US 2004881405 (20040630) *US 2003PV484235 (20030630)
PAGES: 70 pp. CODEN: USXXCO LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: 424155100; A61K-039/395A; A61K-031/7072B; A61K-031/60B;
A61K-031/522B; C07K-016/30B

7/3/6 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

142353888 CA: 142(19)353888h PATENT
Antibodies and fragments specific to sulfated epitope of PSGL-1, GPIb
and/or CCR5 for diagnosis and therapy of cancer, autoimmune disease and
inflammation
INVENTOR(AUTHOR): Plaksin, Daniel; Levanon, Avigdor; Szanton, Esther;
Hagay, Yocheved; Ben-levy, Rachel; Nisgav, Yael; Kanfi, Yariv
LOCATION: Israel
PATENT: U.S. Pat. Appl. Publ. ; US 20050069955 A1 DATE: 20050331
APPLICATION: US 2004880922 (20040630) *US 2003PV484061 (20030630)
PAGES: 74 pp. CODEN: USXXCO LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: 435007100; G01N-033/53A; C07K-016/18B

7/3/7 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

142349113 CA: 142(19)349113j (CORRECTION OF 142(9)148820p) PATENT
Anti-PSGL-1 antibodies, and diagnostic and therapeutic use
INVENTOR(AUTHOR): Levanon, Avigdor; Vogel, Tikva; Plaksin, Daniel;
Peretz, Tuvia; Amit, Boaz; Cooperman, Lena; Hagay, Yocheved; Szanton,
Esther; Kanfi, Yariv; Ben-Levy, Rachel
LOCATION: USA
ASSIGNEE: Savient Pharmaceuticals, Inc.
PATENT: PCT International ; WO 200505455 A2 DATE: 20050120
APPLICATION: WO 2004US21099 (20040630) *US 2003610840 (20030630)
PAGES: 108 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C07K-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
NE; SN; TD; TG

7/3/8 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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140092589 CA: 140(7)92589j PATENT
Antibodies or scFv fragments specific to PSGL-1 epitopes useful for
diagnosis, prognosis and treatment of cancer, inflammation, infection,
autoimmune disease, metastasis and leukemia

INVENTOR(AUTHOR): Levanon, Avigdor; Ben-Levy, Rachel; Plaksin, Daniel; Szanton, Esther; Hagai, Yocheved; Hoch, Mar-Chaim Hagit

LOCATION: USA

ASSIGNEE: Savient Pharmaceuticals, Inc.

PATENT: PCT International ; WO 200403166 A2 DATE: 20040108

APPLICATION: WO 2003US20602 (20030630) *US 189032 (20020701)

PAGES: 106 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-000/A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE ; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

7/3/9 (Item 7 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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138071663 CA: 138(6)71663x JOURNAL

CD62-PSGL-1 interactions regulate cytokine chemokine and apoptotic networks in cardiac allograft recipients

AUTHOR(S): Coito, A. J.; Shaw, G. D.; Meng, L.; Moore, C.; Ma, J.; Busuttil, R. W.; Kupiec-Weglinski, J. W.

LOCATION: Department of Surgery, Dumont-UCLA Transplant Center, UCLA School of Medicine, Los Angeles, CA, USA

JOURNAL: Transplant. Proc. (Transplantation Proceedings) DATE: 2002

VOLUME: 34 NUMBER: 5 PAGES: 1463-1464 CODEN: TRPPA8 ISSN: 0041-1345

PUBLISHER ITEM IDENTIFIER: 0041-1345(02)02931-7 LANGUAGE: English

PUBLISHER: Elsevier Science Inc.

? t s7/7/3

7/7/3 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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144086300 CA: 144(6)86300z JOURNAL

Molecular Characterization of Rat Leukocyte P-Selectin Glycoprotein Ligand-1 and Effect of Its Blockade: Protection from Ischemia-Reperfusion Injury in Liver Transplantation

AUTHOR(S): Tsuchihashi, Sei-ichiro; Fondevila, Constantino; Shaw, Gray D.; Lorenz, Meike; Marquette, Kimberly; Benard, Susan; Shen, Xiu-Da; Ke, Bibo; Busuttil, Ronald W.; Kupiec-Weglinski, Jerzy W.

LOCATION: Dumont-University of California Transplant Center, Division of Liver and Pancreas Transplantation, Department of Surgery, David Geffen School of Medicine, University of California, Los Angeles, CA, 90095, USA

JOURNAL: J. Immunol. (Journal of Immunology) DATE: 2005 VOLUME: 176

NUMBER: 1 PAGES: 616-624 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE:

English MEETING DATE: 20060000 PUBLISHER: American Association of Immunologists

SECTION:

CA215003 Immunochemistry

CA201XXX Pharmacology

CA203XXX Biochemical Genetics

CA214XXX Mammalian Pathological Biochemistry

IDENTIFIERS: P selectin glycoprotein ligand 1 ischemia reperfusion injury

, liver transplantation P selectin glycoprotein ligand 1 immunotherapy,
sequence rat PSGL1 glycoprotein

DESCRIPTORS:

Immunosuppressants...
anti-PSGL-1 antibody

Rattus norvegicus...
anti-PSGL-1 antibody immunotherapy of ischemia-reperfusion injury in
liver transplantation model

Organ preservation... Cytoprotective agents...
anti-PSGL-1 antibody inhibition of liver cold ischemia-reperfusion
injury in relation to

Proteins...
Bcl-xL; anti-PSGL-1 antibody attenuation of hepatocyte apoptosis in
liver transplantation model in relation to expression of

Proteins...
Bcl-2; anti-PSGL-1 antibody attenuation of hepatocyte apoptosis in
liver transplantation model in relation to expression of

Tumor necrosis factors... Interleukin 1 β ... Interleukin 6...

Interleukin 2...
expression in liver transplantation model is attenuated by anti-PSGL-1
antibody

Epitopes...
for neutralizing antibody to rat P-selectin glycoprotein ligand 1

Protein sequences... DNA sequences...
for P-selectin glycoprotein ligand-1 of rat

Interferons...
 γ ; expression in liver transplantation model is attenuated by
anti-PSGL-1 antibody

Antibodies and Immunoglobulins...
IgG1, monoclonal, neutralizing; to rat P-selectin glycoprotein ligand 1

Leukocyte...
infiltration; in liver transplantation model is attenuated by
anti-PSGL-1 antibody

Reperfusion...
injury; anti-PSGL-1 antibody immunotherapy of ischemia-reperfusion
injury in liver transplantation model

Cell migration...
leukocyte infiltration; in liver transplantation model is attenuated by
anti-PSGL-1 antibody

Transplant and Transplantation...
liver; anti-PSGL-1 antibody immunotherapy of ischemia-reperfusion
injury in liver transplantation model

Human...
neutralizing antibody to rat P-selectin glycoprotein ligand 1

Apoptosis...
of hepatocytes in liver transplantation model is attenuated by
anti-PSGL-1 antibody

Immunotherapy...
of ischemia-reperfusion injury in liver transplantation by anti-PSGL-1
antibody

Drug targets...
P-selectin glycoprotein ligand 1

Cytokines...
proinflammatory; expression in liver transplantation model is
attenuated by anti-PSGL-1 antibody

Glycoproteins...
PSGL-1 (P-selectin glycoprotein ligand-1), gene Psgl1; anti-PSGL-1
antibody immunotherapy of ischemia-reperfusion injury in liver
transplantation model

Gene, animal...
Psgl1; anti-PSGL-1 antibody immunotherapy of ischemia-reperfusion

injury in liver transplantation model

Injury...

reperfusion; anti-PSGL-1 antibody immunotherapy of ischemia-reperfusion
injury in liver transplantation model

Liver...

transplant; anti-PSGL-1 antibody immunotherapy of ischemia-reperfusion
injury in liver transplantation model

CAS REGISTRY NUMBERS:

487794-08-1 amino acid sequence; anti-PSGL-1 antibody immunotherapy of
ischemia-reperfusion injury in liver transplantation model

422620-64-2 nucleotide sequence; anti-PSGL-1 antibody immunotherapy of
ischemia-reperfusion injury in liver transplantation model

?

?